

SAF-RC-040
300 Area D&D Waste Characterization
Sampling - Other Solid
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Renee Nielson	L1-04	<u>NB 4/4/06</u> INITIAL/DATE
---------------	-------	----------------------------------

Amy Hood	L1-07	<u>NB 4/4/06</u> INITIAL/DATE
----------	-------	----------------------------------

Jeanette Duncan	H9-02	<u>NB 4/4/06</u> INITIAL/DATE
-----------------	-------	----------------------------------

COMMENTS:

SDG 20060148

SAF-RC-040

Rad only X Chem only Rad & Chem

X Complete Partial

Sample Location/Waste Site: 333 Asbestos

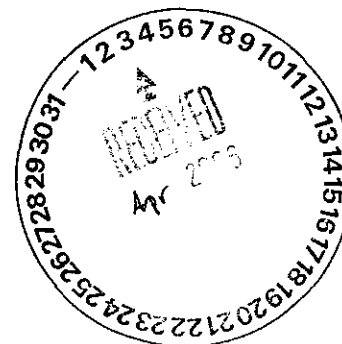
RECEIVED
APR 24 2006

EDMC

WSCF ANALYTICAL LABORATORY REPORT

Analysis of Bulk Samples for Fiber Content
for

Washington Closure Hanford (WCH)
Richland, WA 99352



Attention: J. KESSNER H9-02

Survey ID: J11HV8, J11840-852

Data Validator *[Signature]*

This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

CONTROLLED USE INFORMATION: The recipient of this report has the responsibility to protect and safeguard this information from unauthorized disclosure or misuse. This information is intended for the use of the addressee only. If the reader of this report is not the intended recipient or is not authorized by the recipient to receive the report, you are hereby notified that any dissemination, distribution or copying of this report is strictly prohibited. If you have received this report in error, please destroy the report and notify WSCF Laboratory immediately by telephone at (509)373-7403. WSCF will not identify analytical reports as Official Use Only (OUO) or Sensitive. This classification must be determined by the owner of the report.

Group#: 20060148
Report Date: 29-Mar-2006
BulkAsbestos_Cover v1.6

RC-040

WSCF Laboratory
PO Box 1000 S3-30
Richland, WA 99354
Phone: 509-373-7020
Fax: 509-372-0456

WSCF
ANALYTICAL LABORATORY REPORT
ANALYSIS OF BULK SAMPLES FOR FIBER CONTENT

Your samples have been analyzed for fiber content using polarized light microscopy and dispersion staining in accordance with Industrial Hygiene Laboratory Procedure LA-519-403, based on 40 CFR Part 763, Subpart E, App. E and EPA method EPA/600/R-93/116. The results are attached.

This method provides a visual estimate of the percentage of each fiber type present. It is a semiquantitative method intended to identify materials containing $\geq 1\%$ asbestos fibers.* Reported fiber percentages for samples and sample layers are based on the samples as received by the laboratory. The laboratory cannot verify that these values are representative of the original material sampled.

The Waste Sampling and Characterization Facility is accredited by the American Industrial Hygiene Association (AIHA) to analyze bulk samples for asbestos content. This accreditation does not constitute approval or endorsement of analytical results by AIHA.

If there are questions concerning this report, please contact the data validator listed on the cover page of this report.

* Because of the nonhomogeneous nature of soils, results will be reported using the following terms rather than percentages:

1. None - No asbestos fibers found.
2. Trace detectable - With extensive searching, a few fibers of the type indicated were found; concentration very low, well below 1%
3. Obvious presence - Fibers easily found but overall concentration still low.
4. Significant presence - Fibers readily found; overall concentration may approach or exceed 1% level.

Polarized light microscopy (PLM) may not be the preferred method for identification of asbestos in floor tile. Most vinyl floor tiles marketed in the late sixties to mid-seventies contained asbestos milled so fine as to be below detection limits for PLM techniques. Tiles of that vintage, showing any detectable asbestos fibers should be considered to be asbestos-containing material. Non-detection of asbestos by PLM should not be considered conclusive proof that the tiles do not contain asbestos. Results for such samples will be reported as 'indeterminate'. Confirmatory analysis by TEM is strongly recommended.

Page 2 / 8

This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

WSCF ANALYTICAL LABORATORY REPORT

Attention: J. KESSNER H9-02

Group #: 20060148

Sample #	Client ID	Test Performed	Range	Result	Units	Sampled	Received	Analyzed
W06I000752	J11HV8	The following are the results of this test - Bulk Asbestos Layer 1						
		Fiberglass		95-100	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 95% Homogenous yellow fibrous mat. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000752	J11HV8	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		50-70	Percent	03/07/2006	03/15/2006	03/20/2006
		Fiberglass		10-20	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 5% Non-homogenous metal foil with fibers and tan backing, associated with the first layer.						
W06I000753	J11840	The following are the results of this test - Bulk Asbestos Layer 1						
		Cellulose		~1	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 95% Homogenous white granular material. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000753	J11840	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		60-80	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 5% Non-homogenous, metal foil, with paper backing backing and asphalt, associated with the first layer.						
W06I000754	J11841	The following are the results of this test - Bulk Asbestos Layer 1						
		Cellulose		1-5	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 95% Homogenous white granular material. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000754	J11841	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		60-80	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 5% Non-homogenous metal foil with paper backing and asphalt, associated with the first layer.						
W06I000755	J11842	The following are the results of this test - Bulk Asbestos Layer 1						
		Amosite Asbestos		1-5	Percent	03/07/2006	03/15/2006	03/20/2006
		Cellulose		~1	Percent	03/07/2006	03/15/2006	03/20/2006
		Chrysotile Asbestos		1-5	Percent	03/07/2006	03/15/2006	03/20/2006
		Fiberglass		1-5	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 80% Non-homogenous tan, crumbly, fibrous material. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area.						
W06I000755	J11842	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		40-50	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 20% Non-homogenous "paper" with fiber mesh, associated with the first layer.						
W06I000756	J11843	The following are the results of this test - Bulk Asbestos Layer 1						

This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

WSCF ANALYTICAL LABORATORY REPORT

Attention: J. KESSNER H9-02

Group #: 20060148

Sample #	Client ID	Test Performed	Range	Result	Units	Sampled	Received	Analyzed
W06I000756	J11843	The following are the results of this test - Bulk Asbestos Layer 1						
		Fiberglass		95-99	Percent	03/06/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 90% Homogenous yellow fiber mats. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000756	J11843	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		40-60	Percent	03/06/2006	03/15/2006	03/20/2006
		Fiberglass		5-10	Percent	03/06/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 10% Non-homogenous off-white "paper" sheet with silver foil backing, associated with the first layer.						
W06I000757	J11844	The following are the results of this test - Bulk Asbestos Layer 1						
		Fiberglass		95-99	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 90% Homogenous yellow fiber mats. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000757	J11844	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		40-60	Percent	03/07/2006	03/15/2006	03/20/2006
		Fiberglass		5-10	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 10% Non-homogenous off-white "paper" sheet with silver foil backing, associated with the first layer.						
W06I000758	J11845	The following are the results of this test - Bulk Asbestos Layer 1						
		Cellulose		<1	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 90% Non-homogenous white granular. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000758	J11845	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		20-40	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 10% Non-homogenous black tar paper with white paint backing, associated with the first layer.						
W06I000759	J11846	The following are the results of this test - Bulk Asbestos Layer 1						
		Cellulose		2-4	Percent	03/07/2006	03/15/2006	03/20/2006
		Mineral Wool		3-7	Percent	03/07/2006	03/15/2006	03/20/2006
		Synthetic		1-2	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 90% Non-homogenous white fibrous granular. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000759	J11846	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		10-20	Percent	03/07/2006	03/15/2006	03/20/2006
		Fiberglass		30-40	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 10% Non-homogenous white fiber grids with off-white paint on one side, associated with the first layer.						

This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

WSCF ANALYTICAL LABORATORY REPORT

Attention: J. KESSNER H9-02

Group #: 20060148

Sample #	Client ID	Test Performed	Range	Result	Units	Sampled	Received	Analyzed
W06I000760	J11847	The following are the results of this test - Bulk Asbestos Layer 1						
		Cellulose		2-4	Percent	03/07/2006	03/15/2006	03/20/2006
		Mineral Wool		5-10	Percent	03/07/2006	03/15/2006	03/20/2006
		Synthetic		1-2	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 90% Non-homogenous white fibrous granular with a few glass beads. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000760	J11847	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		10-20	Percent	03/07/2006	03/15/2006	03/20/2006
		Fiberglass		30-40	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 10% Non-homogenous white fiber grids with off-white paint on one side, associated with the first layer.						
W06I000761	J11848	The following are the results of this test - Bulk Asbestos Layer 1						
		Fiberglass		95-100	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 95% Homogenous yellow fibrous material. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000761	J11848	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		30-35	Percent	03/07/2006	03/15/2006	03/20/2006
		Fiberglass		25-30	Percent	03/07/2006	03/15/2006	03/20/2006
		ANALYSIS COMMENT - 5% Non-homogenous metal foil with fiber mesh and paper, associated with the first layer.						
W06I000762	J11849	The following are the results of this test - Bulk Asbestos Layer 1						
		Cellulose		~1	Percent	03/07/2006	03/15/2006	03/21/2006
		Fiberglass		5-15	Percent	03/07/2006	03/15/2006	03/21/2006
		Synthetic		1-2	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 90% Non-homogenous tan, fibrous, granular with dark fibers. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000762	J11849	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		80-90	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 5% Non-homogenous open fiber mesh, associated with the first layer.						
W06I000762	J11849	The following are the results of this test - Bulk Asbestos Layer 3						
		Fiberglass		80-90	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 5% Non-homogenous tight fiber mesh, associated with the first layer.						
W06I000763	J11850	The following are the results of this test - Bulk Asbestos Layer 1						
		Cellulose		~1	Percent	03/07/2006	03/15/2006	03/21/2006
		Fiberglass		5-15	Percent	03/07/2006	03/15/2006	03/21/2006

This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

WSCF ANALYTICAL LABORATORY REPORT

Attention: J. KESSNER H9-02

Group #: 20060148

Sample #	Client ID	Test Performed	Range	Result	Units	Sampled	Received	Analyzed
W06I000763	J11850	The following are the results of this test - Bulk Asbestos Layer 1						
		Synthetic		1-2	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 90% Non-homogenous tan, fibrous, granular with dark fibers. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000763	J11850	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		80-90	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 5% Non-homogenous open fiber mesh, associated with the first layer.						
W06I000763	J11850	The following are the results of this test - Bulk Asbestos Layer 3						
		Fiberglass		80-90	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 5% Non-homogenous tight fiber mesh, associated with the first layer.						
W06I000764	J11851	The following are the results of this test - Bulk Asbestos Layer 1						
		Fiberglass		95-100	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 90% Homogenous yellow fibrous. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000764	J11851	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		40-45	Percent	03/07/2006	03/15/2006	03/21/2006
		Fiberglass		25-30	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 10% Non-homogenous metal foil with fiber mesh and paper, associated with the first layer.						
W06I000765	J11852	The following are the results of this test - Bulk Asbestos Layer 1						
		Cellulose		1-2	Percent	03/07/2006	03/15/2006	03/21/2006
		Fiberglass		5-15	Percent	03/07/2006	03/15/2006	03/21/2006
		Synthetic		1-2	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 80% Non-homogenous tan, fibrous, granular with dark fibers. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.						
W06I000765	J11852	The following are the results of this test - Bulk Asbestos Layer 2						
		Cellulose		85-95	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 10% Non-homogenous open fiber mesh, associated with the first layer.						
W06I000765	J11852	The following are the results of this test - Bulk Asbestos Layer 3						
		Fiberglass		85-95	Percent	03/07/2006	03/15/2006	03/21/2006
		ANALYSIS COMMENT - 10% Non-homogenous tight fiber mesh, associated with the first layer.						

This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

WSCF ANALYTICAL COMMENT REPORT

Attention: J. KESSNER H9-02

Group#: 20060148

Sample #	Client ID	Lab Area	Test	Comment
		Login		Samples rec'd & logged by K BEEBE on 03/15/06. Sample(s) acceptable upon receipt. MEDIA:
		Verification		Bulk Validated 3/29/06 by SD Bolling, IH Technical Manager.
W06I000752	J11HV8	Data Entry	Bulk Asbestos Layer 1	95% Homogenous yellow fibrous mat. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000752	J11HV8	Data Entry	Bulk Asbestos Layer 2	5% Non-homogenous metal foil with fibers and tan backing, associated with the first layer.
W06I000753	J11840	Data Entry	Bulk Asbestos Layer 1	95% Homogenous white granular material. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000753	J11840	Data Entry	Bulk Asbestos Layer 2	5% Non-homogenous, metal foil, with paper backing backing and asphalt, associated with the first layer.
W06I000754	J11841	Data Entry	Bulk Asbestos Layer 1	95% Homogenous white granular material. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000754	J11841	Data Entry	Bulk Asbestos Layer 2	5% Non-homogenous metal foil with paper backing and asphalt, associated with the first layer.
W06I000755	J11842	Data Entry	Bulk Asbestos Layer 1	80% Non-homogenous tan, crumbly, fibrous material. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area.
W06I000755	J11842	Data Entry	Bulk Asbestos Layer 2	20% Non-homogenous "paper" with fiber mesh, associated with the first layer.
W06I000756	J11843	Data Entry	Bulk Asbestos Layer 1	90% Homogenous yellow fiber mats. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000756	J11843	Data Entry	Bulk Asbestos Layer 2	10% Non-homogenous off-white "paper" sheet with silver foil backing, associated with the first layer.
W06I000757	J11844	Data Entry	Bulk Asbestos Layer 1	90% Homogenous yellow fiber mats. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000757	J11844	Data Entry	Bulk Asbestos Layer 2	10% Non-homogenous off-white "paper" sheet with silver foil backing, associated with the first layer.
W06I000758	J11845	Data Entry	Bulk Asbestos Layer 1	90% Non-homogenous white granular. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000758	J11845	Data Entry	Bulk Asbestos Layer 2	10% Non-homogenous black tar paper with white paint backing, associated with the first layer.
W06I000759	J11846	Data Entry	Bulk Asbestos Layer 1	90% Non-homogenous white fibrous granular. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000759	J11846	Data Entry	Bulk Asbestos Layer 2	10% Non-homogenous white fiber grids with off-white paint on one side, associated with the first layer.
W06I000760	J11847	Data Entry	Bulk Asbestos Layer 1	90% Non-homogenous white fibrous granular with a few glass beads. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000760	J11847	Data Entry	Bulk Asbestos Layer 2	10% Non-homogenous white fiber grids with off-white paint on one side, associated with the first layer.
W06I000761	J11848	Data Entry	Bulk Asbestos Layer 1	95% Homogenous yellow fibrous material. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000761	J11848	Data Entry	Bulk Asbestos Layer 2	5% Non-homogenous metal foil with fiber mesh and paper, associated with the first layer.

This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

Report#: 20060148

Report Date: 3/29/2006

BulkAsbestos_AnalyticalComment.rpt v 1.4

3/29/06
Page 1718

WSCF
ANALYTICAL COMMENT REPORT

Attention: J. KESSNER H9-02

Group#: 20060148

Sample #	Client ID	Lab Area	Test	Comment
W06I000762	J11849	Data Entry	Bulk Asbestos Layer 1	90% Non-homogenous tan, fibrous, granular with dark fibers. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000762	J11849	Data Entry	Bulk Asbestos Layer 2	5% Non-homogenous open fiber mesh, associated with the first layer.
W06I000762	J11849	Data Entry	Bulk Asbestos Layer 3	5% Non-homogenous tight fiber mesh, associated with the first layer.
W06I000763	J11850	Data Entry	Bulk Asbestos Layer 1	90% Non-homogenous tan, fibrous, granular with dark fibers. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000763	J11850	Data Entry	Bulk Asbestos Layer 2	5% Non-homogenous open fiber mesh, associated with the first layer.
W06I000763	J11850	Data Entry	Bulk Asbestos Layer 3	5% Non-homogenous tight fiber mesh, associated with the first layer.
W06I000764	J11851	Data Entry	Bulk Asbestos Layer 1	90% Homogenous yellow fibrous. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000764	J11851	Data Entry	Bulk Asbestos Layer 2	10% Non-homogenous metal foil with fiber mesh and paper, associated with the first layer.
W06I000765	J11852	Data Entry	Bulk Asbestos Layer 1	80% Non-homogenous tan, fibrous, granular with dark fibers. Per the information on the COC, this sample was taken from 333 Asbestos Sampling in the 300 Area. No asbestos was found in this sample.
W06I000765	J11852	Data Entry	Bulk Asbestos Layer 2	10% Non-homogenous open fiber mesh, associated with the first layer.
W06I000765	J11852	Data Entry	Bulk Asbestos Layer 3	10% Non-homogenous tight fiber mesh, associated with the first layer.

This report may not be reproduced, except in its entirety without the written approval of the WSCF Laboratory.

Report#: 20060148

Report Date: 3/29/2006

BulkAsbestos_AnalyticalComment.rpt v 1.4

3/29/06
Page 18/8

BHI-EE-011 (08/29/2005)

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-037		Page 2 of 4	
Collector Bill Hudson		Company Contact Scot Adams		Telephone No. 372-9869		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround 7 Days	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 333 Asbestos Sampling		SAF No. RC-040		Air Quality <input type="checkbox"/>			
Ice Chest No. N/A		Field Logbook No. EL-1516-8		COA R333001000		Method of Shipment Hand deliver - Govt. vehicle		TRE 3-15-06 FED EX	
Shipped To WSCF 3-15-06 Data Chem Laboratories - Cincinnati		Offsite Property No. A060019		Bill of Lading/Air Bill No. SEE OSLC					
POSSIBLE SAMPLE HAZARDS/REMARKS Be, Lead, Ca, Asbestos C.D.O.T. Limits Special Handling and/or Storage None				Preservation		None			
				Type of Container		G/P			
				No. of Container(s)		1			
				Volume		5g			
						Asbestos-BULK-EPA			
SAMPLE ANALYSIS									
Sample No.	Matrix *	Sample Date	Sample Time						
J11838	OTHER SOLID	3/7/06							
J11839	OTHER SOLID								
J11840	OTHER SOLID	3/7/06	0850	X					
J11841	OTHER SOLID	3/7/06	0855	X					
J11842	OTHER SOLID	3/7/06	0900	X					
CHAIN OF POSSESSION				Sign/Print Names				SPECIAL INSTRUCTIONS 12-15-06 Returned by Lab via Fed Ex. Fed Ex unable to sign COC for relinquish to WCH. Personnel not available to relinquish samples from 3728 Ref #2B on 3/8/06	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
Hudson Hudson		3/7/06 1520		3728 2B		3/7/06 1520			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
3728 2B		3-8-06 1000		JR Edmundson		3-8-06 1000			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
JR Edmundson		3-8-06 1500		FED EX					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
FED EX		3/9/06 10:20		CPZ					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
CPZ		3/13/06 09:30		FED EX					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
WCA		3-15-06		JR Edmundson		3-15-06			
LABORATORY SECTION		Received By/Date/Time		Title		Date/Time			
Storage		3-20-06		K. Thomas / K. Thomas		3-20-06 0924			
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time			

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-037		Page 3 of 4	
Collector Bill Hudson		Company Contact Scott Adams		Telephone No. 372-9869		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround 7 Days	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 333 Asbestos Sampling		SAF No. RC-040		Air Quality <input type="checkbox"/>			
Ice Chest No. N/A		Field Logbook No. EL-1516-8		COA R333001000		Method of Shipment Hand deliver - Govt. vehicle FED EX TRK 3-15-06			
Shipped To WSCP 3-15-06 DataChem Laboratories - Cincinnati		Offsite Property No. A060019		Bill of Lading/Air Bill No. SEE USPC					
POSSIBLE SAMPLE HAZARDS/REMARKS Be, Lead, Ca, Asbestos <D.O.T. Limits Special Handling and/or Storage None				Preservation		None			
				Type of Container		G/P			
				No. of Container(s)		1			
				Volume		5g			
SAMPLE ANALYSIS				Asbestos-BULK-EPA					
Sample No.		Matrix *		Sample Date		Sample Time			
J11843		OTHER SOLID		3/6/07		0950		X	
J11844		OTHER SOLID		3/6/07		0955		X	
J11845		OTHER SOLID		3/6/07		1000		X	
J11846		OTHER SOLID		3/6/07		1005		X	
J11847		OTHER SOLID		3/6/07		1010		X	
CHAIN OF POSSESSION				SPECIAL INSTRUCTIONS				Matrix *	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		3-15-06 Returned by Lab via Fed Ex. Fed Ex unable to sign COC for relinquish to WCH. Relinquish by Received by Storage SD Polling Storage 3/20/06 1030	
B Hudson B Anderson		3/1/06 1520		3728 AB		3/1/06 1520			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
3728 AB		3-8-06 1000		JR Anderson		3-8-06 1000			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
JR Anderson		3-8-06 1500		FED EX					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
Fed Ex		3/9/06 10:20		CW		3/9/06 10:20			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
CW		3/13/06 11:30		Fed Ex		3/13/06 11:30			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
WCH		3/15/06 1400		B Anderson		3/15/06 1400			
LABORATORY SECTION		Received By		Title		Date/Time			
B. Thomas		B. Thomas		3-20-06		0924			
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time			

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-037		Page 4 of 4			
Collector Bill Hudson		Company Contact Scot Adams		Telephone No. 372-9869		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround 7 Days			
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 333 Asbestos Sampling		SAF No. RC-040		Air Quality <input type="checkbox"/>					
Ice Chest No. N/A		Field Logbook No. EL-1516-8		COA R333001000		Method of Shipment Hand deliver - Govt. vehicle		3-13-06 FED EX			
Shipped To WSCF 3-15-06 DataChem Laboratories - Cincinnati		Offsite Property No. A060019		Bill of Lading/Air Bill No. SEE O5PL							
POSSIBLE SAMPLE HAZARDS/REMARKS Be, Lead, Ca, Asbestos < D.O.T. Limits Special Handling and/or Storage None				Preservation		None					
				Type of Container		G/P					
				No. of Container(s)		1					
				Volume		5g					
SAMPLE ANALYSIS				Asbestos-BULK-EPA							
Sample No.		Matrix *		Sample Date		Sample Time					
J11848 WCH 761		OTHER SOLID		3/7/06		1305		x - run w/ J11851 to first Asbestos positive			
J11849 762		OTHER SOLID		3/7/06		1300		x - run J11849, J11850, J11852 together to first positive			
J11850 763		OTHER SOLID		3/7/06		1307		x			
J11851 764		OTHER SOLID		3/7/06		1310		x - run w/ J11848 to first Asbestos positive			
J11852 765		OTHER SOLID		3/7/06		1315		x - run J11849, J11850, J11852 together to first positive			
CHAIN OF POSSESSION				Sign/Print Names				SPECIAL INSTRUCTIONS			
Relinquished By/Removed From 3/7/06 1520 Bill Hudson		Received By/Stored In 3728 2B 3/10/06 1520		3-15-06 Returned by Lab via Fed Ex. Fed Ex unable to sign COC for relinquish to WCH.				Matrix * S=Soil SE=Sediment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue WI=Wipe L=Liquid V=Vegetation X=Other			
Relinquished By/Removed From 3728 2B 3-8-06 1000		Received By/Stored In JR Edmundson 3-8-06 1000									
Relinquished By/Removed From JR Edmundson WCH 3-8-06 1500		Received By/Stored In FED EX									
Relinquished By/Removed From FED EX		Received By/Stored In 3/9/06 10:20									
Relinquished By/Removed From 3/13/06 09:30		Received By/Stored In FED EX									
Relinquished By/Removed From WCH 3-15-06		Received By/Stored In 3/15/06		Personnel not available to relinquish samples from 3728 Ref # 2B on 3/8/06							
LABORATORY SECTION		Received By KL Thomas / KL Thomas		Title 3-20-06		Date/Time 0924					
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time					